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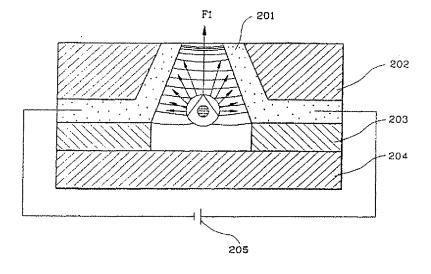
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(54) Ink-jet printing using dielectric migration force

(57) An ink-jet printing method is described. An ink chamber having an orifice through which ink may be ejected is charged with an ink containing polarizable pigment particles. A potential (205) is applied across a pair of electrodes (201) to establish an electric field within

the ink chamber to polarize the ink particles. The electric field lines are curved (i.e. the field strenght increases in the direction of the ink ejection orifice) so as to exert a dielectric migration force on the polarized ink particles. This causes ink to be ejected through the orifice onto a print medium.

FIG. 7





EUROPEAN SEARCH REPORT

Application Number EP 97 30 8196

		DERED TO BE RELEVANT	T aal	OLAGORIO - 21
Category	of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.5)
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	* column 23, line of figures 1-3,15-17 * figures 20,21,28			
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